

RE: Creating many worksheets with text from initial worksheet (and

Source:

<http://www.tech-archive.net/Archive/Excel/microsoft.public.excel.programming/2008-02/msg03123.html>

- *From:* stacyjean622 <stacyjean622@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Wed, 20 Feb 2008 14:24:00 -0800
-

Hi John,

Thanks for the response. I figured my problem in the code was the word "database" but I can't figure out what word I should be using. (I've tried using the name of my workbook; the name of the worksheet, etc.) The workbook that I copied the macro from didn't seem to have anything named database but it worked there.

I will also email you – I would love to try the workbook you have built and see if it will work for me. Thanks.

Stacy

"John Bundy" wrote:

The particular line you reference is assuming you have a named range "Database". All of these things can be done. I took about an hour to build something similar myself (have a few teacher friends) if you would like to email me i can send it to you. Maybe it will work how it is or you might have some insights to make it better. I have it populate a large chart for each 'grade' with the students names along the bottom. Another button creates sheets for each student that displays their data along with a line chart that shows their progress on all grades to date.

--

–John

Please rate when your question is answered to help us and others know what is helpful.

"stacyjean622" wrote:

I have a very complicated programming/graphing question. I m not sure it is even possible to do part of what I am trying to accomplish in Excel.

Basically, my question is in three parts: I have a spreadsheet with student

RE: Creating many worksheets with text from initial worksheet (and names, exams, scores, grades, and comments. Each student is listed 6–8 times for the 6–8 different exams.

First – I need to create a separate worksheet for each student with that student's specific information. I have found a macro that I thought would work for this (from Debra Dalglish's Contextures web page) but I can't get it to run. I have virtually NO knowledge of VBA so I have no idea what is going wrong in the statement. I've listed the macro below with a note of where I seem to be running into problems. (BTW I am in office 2007.)

Secondly I need to create a graphic representation of the entire class's grade percentage for each exam. In essence I need to create a chart that shows what percentage was pass, high pass, fail for each of the 6–8 exams. I know how to do that but I also need to copy that chart on to every student's individual worksheet and I'm not sure how to do that without having to manually paste it in to over 175 worksheets.

Finally and this is the part I think may be impossible in Excel I need to insert an arrow that shows where each student falls on the chart for each exam. For example, if John Smith scored a pass in Exam A, then on the chart that shows what percentage of the class scored pass, high pass, fail, etc. in Exam A, I need to place an arrow pointing at pass John Smith, on his particular worksheet. If he scored a high pass on Exam B, the arrow needs to go over the high pass bar on Exam B. So essentially, I will have a workbook with a worksheet for each student (around 175). Each worksheet will have that student's exam scores/grades and comments as text. Each worksheet will also have an identical chart showing the entire class percentage who scored pass, high pass, honors, etc. for each exam. Each worksheet will have arrows indicating where the specific student falls on the chart.

How much of this is possible in Excel and any ideas how to do any of it? Or any ideas of another graphing/charting program I could use where some of this would be possible?

Here is the macro I am trying to use to do part one. Again, I am woefully uninformed when it comes to VBA, so please try to be as dumbed down as possible in responses. Thanks for ANY help. (Even knowing what I am trying to do is impossible would be helpful at this point because at least I could stop trying in this program!)

```
Sub ExtractStudents()  
Dim ws1 As Worksheet  
Dim wsNew As Worksheet  
Dim rng As Range  
Dim r As Integer  
Dim c As Range
```

RE: Creating many worksheets with text from initial worksheet (and

```
Set ws1 = Sheets("ReportsGenerate")
Set rng = Range("Database") ****this is the most recent break in my
running of the macro****
```

```
'extract a list of Students
ws1.Columns("C:C").Copy _
Destination:=Range("L1")
ws1.Columns("L:L").AdvancedFilter _
Action:=xlFilterCopy, _
CopyToRange:=Range("J1"), Unique:=True
r = Cells(Rows.Count, "J").End(xlUp).Row
```

```
'set up Criteria Area
Range("L1").Value = Range("C1").Value
```

```
For Each c In Range("J2:J" & r)
'add the student name to the criteria area
ws1.Range("L2").Value = c.Value
'add new sheet (if required)
'and run advanced filter
If WksExists(c.Value) Then
Sheets(c.Value).Cells.Clear
rng.AdvancedFilter Action:=xlFilterCopy, _
CriteriaRange:=Sheets("Sheet1").Range("L1:L2"), _
CopyToRange:=Sheets(c.Value).Range("A1"), _
Unique:=False
Else
Set wsNew = Sheets.Add
wsNew.Move After:=Worksheets(Worksheets.Count)
wsNew.Name = c.Value
rng.AdvancedFilter Action:=xlFilterCopy, _
CriteriaRange:=Sheets("Sheet1").Range("L1:L2"), _
CopyToRange:=wsNew.Range("A1"), _
Unique:=False
End If
Next
ws1.Select
ws1.Columns("J:L").Delete
End Sub
```

Thanks again, in advance for any help/advice

- s